Journal of Educational Research

EDITORIAL BOARD

A. S. BARR, *Chairman, Professor of Education, University of Wisconsin, Madison, Wisconsin*

E. J. ASHBAUGH, *Dean, College of Education, Miami University, Oxford, Ohio.* Administration, Supervision, and Teacher Training.

HARRY J. BAKER, *Director, Psychological Clinic, Detroit Public Schools, Detroit, Michigan.* Child Welfare, Guidance, and Development.

LEO J. BRUECKNER, *Professor of Education, University of Minnesota, Minneapolis, Minnesota.* Elementary Education.

CARTER V. GOOD, *Professor of Education, University of Cincinnati, Cincinnati, Ohio.* Teaching, Learning, and Individual Differences.

KAI JENSEN, *Associate Professor of Education, University of Wisconsin, Madison, Wisconsin.* Preschool Education.

CHARLES W. KNUDSEN, *George Peabody College for Teachers, Nashville, Tennessee.* Secondary Education.

A. K. LOOMIS, *c/o Board of Education, Shaker Heights, Cleveland, Ohio.* Curriculum Construction.

CLIFFORD WOODY, *Director, Bureau of Educational Reference and Research and Professor of Education, University of Michigan, Ann Arbor, Michigan.* Measurements, Statistics, and Research.

VOLUME XXXI

September, 1937—May, 1938

Copyright 1938 by

THE PUBLIC SCHOOL PUBLISHING COMPANY

BLOOMINGTON ILLINOIS

INDEX

Volume XXXI, September, 1937—May, 1938

Listed under Article and the Authors

Accuracy in Testing the Articulation of Speech Sounds, Florence M. Henderson, 348-356
Achievement in the Guidance of Vocational Students, The Significance of Academic, Martha Oler Guilford, 527-533
Achievement of Lower Group Secondary School Students, College, Franklin Irvin Sheeder, 497-505
Achievement Testing, Recorded Sound in the Field of, Howard A. Gray, 608-615
Adjustment, The Relation of Bilingualism to Verbal Intelligence and School, Rudolf Pintner and Seth Arsenian, 255-263
Adolescent Growth Study, The California, Harold E. Jones, 561-567
Algebra, Two Methods of Teaching High School, Richard Drake, 683-685
Analysis of the Vocabularies of Twenty-Nine Second Readers, A Comparative, John A. Hockett, 665-671
Appreciation of Children: II. Portrait Preference Study, On Art, Betty Lark-Horovitz, 572-598
Arithmetic, Two Kinds of Learning in, William A. Brownell, 656-664
Arsenian, Seth, and Pintner, Rudolf, The Relation of Bilingualism to Verbal Intelligence and School Adjustment, 255-263
Art Appreciation of Children: I. Preference of Picture Subjects in General, On, Betty Lark-Horovitz, 118-137
Art Appreciation of Children: II. Portrait Preference Study, On, Betty Lark-Horovitz, 572-598
Articulation of Speech Sounds, Accuracy in Testing the, Florence M. Henderson, 348-356
Associates, Validity of the Measurement of Social Traits of High School Pupils by the Method of Rating by, Harold O. Soderquist, 29-44
Attitudes, Some Assumed Determiners of Teachers', George W. Hartmann, 357-362
"Average" Child, Empirically Determined Grade Norms as a Factor in the Educational Maladjustment of the, Ellen Alice Horn and Zilpha Main, 81-89; 161-171

Barr, A. S., Educational Research and the Field Worker, 1-8
Berglund, Albert O., A Reading Vocabulary for the Fourth Grade, 172-180
Bilingualism to Verbal Intelligence and School Adjustment, The Relation of, Rudolf Pintner and Seth Arsenian, 255-263
Biology, Chemistry, and Physics, General Science as Preparation for the Study of, Oliver R. Floyd, 272-277
Brownell, William A., Two Kinds of Learning in Arithmetic, 656-664

California Adolescent Growth Study, The, Harold E. Jones, 561-567
Changing Conceptions of Major Topics in General Science Textbooks (1911-1934), Maitland P. Simmons, 199-204
Chemistry, and Physics, General Science as Preparation for the Study of Biology, Oliver R. Floyd, 272-277
Children in the Los Angeles City Schools, A Study of the Entering B1, Elizabeth L. Woods and Staff, 9-19
Children: I. Preference of Picture Subjects in General, On Art Appreciation of, Betty Lark-Horovitz, 118-137
Children: II. Portrait Preference Study, On Art Appreciation of, Betty Lark-Horovitz, 572-598
Class Size Investigations in the Phoenix Union High School, 1933-34 to 1935-36, Report of, L. A. Eastburn, 107-117
College Achievement of Lower Group Secondary School Students, Franklin Irvin Sheeder, 497-505
Comparative Analysis of the Vocabularies of Twenty-Nine Second Readers, A, John A. Hockett, 665-671
Comparative Difficulty of Three Forms of Computation Tests, T. G. Foran and Sister M. Albert Lenaway, 568-571
Comparative Values of Equated Scales and Informal Tests as Measurements of the Progress, An Evaluation of the Effects of Marks as Incentives to Pupil Growth in Spelling Ability and of the, Harold J. Sand, 678-682
Competence of Special Class Children, The Social, Edgar A. Doll and B. Elizabeth McKay, 90-106
Computation Tests, Comparative Difficulty of Three Forms of, T. G. Foran and Sister M. Albert Lenaway, 568-571
Courtis, S. A., The Interpretation of Scores in Tests and Examinations, 637-649
Critical Questions for the Evaluation of Research, Douglas E. Scates and Charles F. Hoban, Jr., 241-254
Curriculum, The Effect of Recent Research Upon the Selection and Placement of Items of Grammar in the Secondary School, J. Paul Leonard, 599-607

Demonstrational Teaching before College Classes, The Value of Written Reports in, G. L. Freeman, 211-213
Difficulty of Three Forms of Computation Tests, Comparative, T. G. Foran and Sister M. Albert Lenaway, 568-571
Distraction Upon Reading Efficiency, The Influence of Music, Paul Fendrick, 264-271
Doll, Edgar A., and McKay, B. Elizabeth, The Social Competence of Special Class Children, 90-106
Douglass, Harl R., and Luker, Leonard J., Persistence and Mark in the University of Minnesota Law School, 283-288
Drake, Richard, Two Methods of Teaching High School Algebra, 683-685

Eames, Thomas Harrison, A Study of the Speed of Word Recognition, 181-187

Eastburn, L. A., Report of Class Size Investigations in the Phoenix Union High School, 1933-34 to 1935-36, 107-117
Educational Research and the Field Worker, A. S. Barr, 1-8
Education, Needed Research in Music, Gordon Hendrickson, 672-677
Eells, Kenneth W., A Scale for Evaluation of Pupils' Judgments on Best-Liked and Least-Liked Aspects of Secondary Schools, 321-334
Effect of Recent Research Upon the Selection and Placement of Items of Grammar in the Secondary School Curriculum, The, J. Paul Leonard, 599-607
Efficiency, The Influence of Music Distraction Upon Reading, Paul Fendrick, 264-271
Embree, Jr., Royal B., and Floyd, Oliver R., The Predictive Value of General Science, 650-655
Empirically Determined Grade Norms as a Factor in the Educational Maladjustment of the "Average" Child, Ellen Alice Horn and Zilpha Main, 81-89; 161-171
Employment of Young People in Meriden, Connecticut, Mobility of, Eleanor Collins Isbell, 188-198
Entering B1 Children in the Los Angeles City Schools, A Study of the, Elizabeth L. Woods and Staff, 9-19
Evaluation of Research, Critical Questions for the, Douglas E. Scates and Charles F. Hoban, Jr., 241-254
Evaluation of the Effects of Marks as Incentives to Pupil Growth in Spelling Ability and of the Comparative Values of Equated Scales and Informal Tests as Measurements of the Progress, An, Harold J. Sand, 678-682
Examinations, The Interpretation of Scores in Tests and, S. A. Courtis, 637-649
Examining Personal Information Items of a Questionnaire Study, Kirby P. Walker, 281-282
Experimental Study of the Value of Informal Methods in Teaching Primary Reading, An, Lester R. Wheeler, 335-347
Experiment, A Simplified Prediction, Charles H. West, 45-48

Fendrick, Paul, The Influence of Music Distraction Upon Reading Efficiency, 264-271
Field Worker, Educational Research and the, A. S. Barr, 1-8
Floyd, Oliver R., and Embree, Jr., Royal B., The Predictive Value of General Science, 650-655
Floyd, Oliver R., General Science as Preparation for the Study of Biology, Chemistry, and Physics, 272-277
Furan, T. G., and Lenaway, Sister M. Albert, Comparative Difficulty of Three Forms of Computation Tests, 568-571
Freeman, G. L., The Value of Written Reports in Demonstrational Teaching before College Classes, 211-213

General Science as Preparation for the Study of Biology, Chemistry, and Physics, Oliver R. Floyd, 272-277
General Science, The Predictive Value of, Royal B. Embree, Jr., and Oliver R. Floyd, 650-655
Grammar in the Secondary School Curriculum, The Effect of Recent Research Upon the Selection and Placement of Items of, J. Paul Leonard, 599-607
Gray, Howard A., Recorded Sound in the Field of Achievement Testing, 608-615
Gray, William S., Summary of Reading Investigations (July 1, 1936 to June 30, 1937), 401-434
Growth Study, The California Adolescent, Harold E. Jones, 561-567
Guidance of Vocational Students, The Significance of Academic Achievement in the, Martha Oler Guilford, 527-533
Guilford, Martha Oler, The Significance of Academic Achievement in the Guidance of Vocational Students, 527-533

Handedness and Reading Ability in High School and College Students, C. Robert Pace, 205-210
Handicapped Children, Trends and Needs in the Training of Teachers for Special Classes for, J. E. Wallace Wallin, 506-526
Handicapped?, What Can Research Contribute to Our Understanding of the Physically, Douglas E. Scates, 20-28
Hartmann, George W., Some Assumed Determiners of Teachers' Attitudes, 357-362
Henderson, Florence M., Accuracy in Testing the Articulation of Speech Sounds, 348-356
Hendrickson, Gordon, Needed Research in Music Education, 672-677
High School Algebra, Two Methods of Teaching, Richard Drake, 683-685
High School Pupils by the Method of Rating by Associates, Validity of the Measurement of Social Traits of, Harold O. Soderquist, 29-44
High School Pupils, Superstitions of Junior, Rosalind M. Zapf, 435-446; 481-496
Hoban, Jr., Charles F., and Scates, Douglas E., Critical Questions for the Evaluation of Research, 241-254
Hockett, John A., A Comparative Analysis of the Vocabularies of Twenty-Nine Second Readers, 665-671
Horn, Ellen Alice, and Main, Zilpha, Empirically Determined Grade Norms as a Factor in the Educational Maladjustment of the "Average" Child, 81-89; 161-171

Immigrants, Scholastic Difficulties of the Children of, A. V. Overn and D. G. Stubbins, 278-280
Information Items of a Questionnaire Study, Examining Personal, Kirby P. Walker, 281-282
Influence of Music Distraction Upon Reading Efficiency, The, Paul Fendrick, 264-271
Intelligence and School Adjustment, The Relation of Bilingualism to Verbal, Rudolf Pintner and Seth Arsenian, 255-263
Interpretation of Scores in Tests and Examinations, The, S. A. Courtis, 637-649
Investigations in the Phoenix Union High School, 1933-34 to 1935-36, Report of Class Size, L. A. Eastburn, 107-117
Isbell, Eleanor Collins, Mobility of Employment of Young People in Meriden, Connecticut, 188-198

Jones, Harold E., The California Adolescent Growth Study, 561-567
Judgments on Best-Liked and Least-Liked Aspects of Secondary Schools, A Scale for Evaluation of Pupils', Kenneth W. Eells, 321-334

Lark-Horovitz, Betty, On Art Appreciation of Children: I. Preference of Picture Subjects in General, 118-137
Lark-Horovitz, Betty, On Art Appreciation of Children: II. Portrait Preference Study, 572-598
Law School, Persistence and Mark in the University of Minnesota, Leonard J. Luker and Harl R. Douglass, 283-288
Learning in Arithmetic, Two Kinds of, William A. Brownell, 656-664

Lenaway, Sister M. Albert, and Foran, T. G., Comparative Difficulty of Three Forms of Computation Tests, 568-571
Leonard, J. Paul, The Effect of Recent Research Upon the Selection and Placement of Items of Grammar in the Secondary School Curriculum, 599-607
Luker, Leonard J., and Douglass, Harl R., Persistence and Mark in the University of Minnesota Law School, 283-288

Main, Zilpha, and Horn, Ellen Alice, Empirically Determined Grade Norms as a Factor in the Educational Maladjustment of the "Average" Child, 81-89; 161-171
Maladjustment of the "Average" Child, Empirically Determined Grade Norms as a Factor in the Educational, Ellen Alice Horn and Zilpha Main, 81-89; 161-171
Mark in the University of Minnesota Law School, Persistence and, Leonard J. Luker and Harl R. Douglass, 283-288
Marks as Incentives to Pupil Growth in Spelling Ability and of the Comparative Values of Equated Scales and Informal Tests as Measurements of the Progress, An Evaluation of the Effects of, Harold J. Sand, 678-682
McKay, B. Elizabeth, and Doll, Edgar A., The Social Competence of Special Class Children, 90-106
Measurement of Social Traits of High School Pupils by the Method of Rating by Associates, Validity of the, Harold O. Soderquist, 29-44
Measures of Simplicity and Beginning Texts in Reading, Clarence R. Stone, 447-450
Methods in Teaching Primary Reading, An Experimental Study of the Value of Informal, Lester R. Wheeler, 335-347
Mobility of Employment of Young People in Meriden, Connecticut, Eleanor Collins Isbell, 188-198
Music Distraction Upon Reading Efficiency, The Influence of, Paul Fendrick, 264-271
Music Education, Needed Research in, Gordon Hendrickson, 672-677

Needed Research in Music Education, Gordon Hendrickson, 672-677
Needs in the Training of Teachers for Special Classes for Handicapped Children, Trends and, J. E. Wallace Wallin, 506-526
Norms as a Factor in the Educational Maladjustment of the "Average" Child, Empirically Determined Grade, Ellen Alice Horn and Zilpha Main, 81-89; 161-171

Overn, A. V., and Stubbins, D. G., Scholastic Difficulties of the Children of Immigrants, 278-280

Pace, C. Robert, Handedness and Reading Ability in High School and College Students, 205-210
Persistence and Mark in the University of Minnesota Law School, Leonard J. Luker and Harl R. Douglass, 283-288
Physically Handicapped?, What Can Research Contribute to Our Understanding of the, Douglas E. Scates, 20-28
Physics, General Science as Preparation for the Study of Biology, Chemistry, and, Oliver R. Floyd, 272-277
Pintner, Rudolf, and Arsenian, Seth, The Relation of Bilingualism to Verbal Intelligence and School Adjustment, 255-263
Placement of Items of Grammar in the Secondary School Curriculum, The Effect of Recent Research Upon the Selection and, J. Paul Leonard, 599-607
Prediction Experiment, A Simplified, Charles H. West, 45-48
Predictive Value of General Science, The, Royal B. Embree, Jr., and Oliver R. Floyd, 650-655
Preparation for the Study of Biology, Chemistry, and Physics, General Science as, Oliver R. Floyd, 272-277
Primary Reading, An Experimental Study of the Value of Informal Methods in Teaching, Lester R. Wheeler, 335-347
Pupils, Superstitions of Junior High School, Rosalind M. Zapf, 435-446; 481-496

Questionnaire Study, Examining Personal Information Items of a, Kirby P. Walker, 281-282

Readers, A Comparative Analysis of the Vocabularies of Twenty-Nine Second, John A. Hockett, 665-671
Reading Ability in High School and College Students, Handedness and, C. Robert Pace, 205-210
Reading, An Experimental Study of the Value of Informal Methods in Teaching Primary, Lester R. Wheeler, 335-347
Reading Efficiency, The Influence of Music Distraction Upon, Paul Fendrick, 264-271
Reading Investigations, Summary of, (July 1, 1936 to June 30, 1937), William S. Gray, 401-434
Reading, Measures of Simplicity and Beginning Texts in, Clarence R. Stone, 447-450
Reading Vocabulary for the Fourth Grade, A, Albert O. Berglund, 172-180
Recorded Sound in the Field of Achievement Testing, Howard A. Gray, 608-615
Relation of Bilingualism to Verbal Intelligence and School Adjustment, The, Rudolf Pintner and Seth Arsenian, 255-263
Report of Class Size Investigations in the Phoenix Union High School, 1933-34 to 1935-36, L. A. Eastburn, 107-117
Reports in Demonstrational Teaching before College Classes, The Value of Written, G. L. Freeman, 211-213
Research and the Field Worker, Educational, A. S. Barr, 1-8
Research Contribute to Our Understanding of the Physically Handicapped?, What Can, Douglas E. Scates, 20-28
Research, Critical Questions for the Evaluation of, Douglas E. Scates and Charles F. Hoban, Jr., 241-254
Research in Music Education, Needed, Gordon Hendrickson, 672-677

Sand, Harold J., An Evaluation of the Effects of Marks as Incentives to Pupil Growth in Spelling Ability and of the Comparative Values of Equated Scales and Informal Tests as Measurements of the Progress, 678-682
Scale for Evaluation of Pupils' Judgments on Best-Liked and Least-Liked Aspects of Secondary Schools, A, Kenneth W. Eells, 321-334
Scales and Informal Tests as Measurements of the Progress, An Evaluation of the Effects of Marks as Incentives to Pupil Growth in Spelling Ability and of the Comparative Values of Equated, Harold J. Sand, 678-682
Scates, Douglas E., and Hoban, Jr., Charles F., Critical Questions for the Evaluation of Research, 241-254

Scates, Douglas E., What Can Research Contribute to Our Understanding of the Physically Handicapped? 20-28
Scholastic Difficulties of the Children of Immigrants, A. V. Overn and D. G. Stubbins, 278-280
Science Textbooks (1911-1934), Changing Conceptions of Major Topics in General, Maitland P. Simmons, 199-204
Science, The Predictive Value of General, Royal B. Embree, Jr., and Oliver R. Floyd, 650-655
Scores in Tests and Examinations, The Interpretation of, S. A. Courtis, 637-649
Secondary School Curriculum, The Effect of Recent Research Upon the Selection and Placement of Items of Grammar in the, J. Paul Leonard, 599-607
Secondary School Students, College Achievement of Lower Group, Franklin Irvin Sheeder, 497-505
Secondary Schools, A Scale for Evaluation of Pupils' Judgments on Best-Liked and Least-Liked Aspects of, Kenneth W. Eells, 321-334
Second Readers, A Comparative Analysis of the Vocabularies of Twenty-Nine, John A. Hockett, 665-671
Selection and Placement of Items of Grammar in the Secondary School Curriculum, The Effect of Recent Research Upon the, J. Paul Leonard, 599-607
Sheeder, Franklin Irvin, College Achievement of Lower Group Secondary School Students, 497-505
Significance of Academic Achievement in the Guidance of Vocational Students, The, Martha Oler Guilford, 527-533
Simmons, Maitland P., Changing Conceptions of Major Topics in General Science Textbooks (1911-1934), 199-204
Simplicity and Beginning Texts in Reading, Measures of, Clarence R. Stone, 447-450
Simplified Prediction Experiment, A, Charles H. West, 45-48
Size Investigations in the Phoenix Union High School, 1933-34 to 1935-36, Report of Class, L. A. Eastburn, 107-117
Social Competence of Special Class Children, The, Edgar A. Doll and B. Elizabeth McKay, 90-106
Social Traits of High School Pupils by the Method of Rating by Associates, Validity of the Measurement of, Harold O. Soderquist, 29-44
Soderquist, Harold O., Validity of the Measurement of Social Traits of High School Pupils by the Method of Rating by Associates, 29-44
Some Assumed Determiners of Teachers' Attitudes, George W. Hartmann, 357-362
Sound in the Field of Achievement Testing, Recorded, Howard A. Gray, 608-615
Special Class Children, The Social Competence of, Edgar A. Doll and B. Elizabeth McKay, 90-106
Special Classes for Handicapped Children, Trends and Needs in the Training of Teachers for, J. E. Wallace Wallin, 506-526
Speech Sounds, Accuracy in Testing the Articulation of, Florence M. Henderson, 348-356
Spelling Ability and of the Comparative Values of Equated Scales and Informal Tests as Measurements of the Progress, An Evaluation of the Effects of Marks as Incentives to Pupil Growth in, Harold J. Sand, 678-682
Stone, Clarence R., Measures of Simplicity and Beginning Texts in Reading, 447-450
Stubbins, D. G., and Overn, A. V., Scholastic Difficulties of the Children of Immigrants, 278-280
Students, College Achievement of Lower Group Secondary School, Franklin Irvin Sheeder, 497-505
Students, Handedness and Reading Ability in High School and College, C. Robert Pace, 205-210
Students, The Significance of Academic Achievement in the Guidance of Vocational, Martha Oler Guilford, 527-533
Study of the Entering B1 Children in the Los Angeles City Schools, A, Elizabeth L. Woods and Staff, 9-19
Study of the Speed of Word Recognition, A, Thomas Harrison Eames, 181-187
Summary of Reading Investigations (July 1, 1936 to June 30, 1937), William S. Gray, 401-434
Superstitions of Junior High School Pupils, Rosalind M. Zapf, 435-446; 481-496

Teachers' Attitudes, Some Assumed Determiners of, George W. Hartmann, 357-362
Teachers for Special Classes for Handicapped Children, Trends and Needs in the Training of, J. E. Wallace Wallin, 506-526
Teaching High School Algebra, Two Methods of, Richard Drake, 683-685
Testing, Recorded Sound in the Field of Achievement, Howard A. Gray, 608-615
Tests and Examinations, The Interpretation of Scores in, S. A. Courtis, 637-649
Tests as Measurements of the Progess, An Evaluation of the Effects of Marks as Incentives to Pupil Growth in Spelling Ability and of the Comparative Values of Equated Scales and Informal, Harold J. Sand, 678-682
Textbooks (1911-1934), Changing Conceptions of Major Topics in General Science, Maitland P. Simmons, 199-204
Texts in Reading, Measures of Simplicity and Beginning, Clarence R. Stone, 447-450
Topics in General Science Textbooks (1911-1934), Changing Conceptions of Major, Maitland P. Simmons, 199-204
Training of Teachers for Special Classes for Handicapped Children, Trends and Needs in the, J. E. Wallace Wallin, 506-526
Trends and Needs in the Training of Teachers for Special Classes for Handicapped Children, J. E. Wallace Wallin, 506-526
Two Kinds of Learning in Arithmetic, William A. Brownell, 656-664
Two Methods of Teaching High School Algebra, Richard Drake, 683-685

Understanding of the Physically Handicapped?, What Can Research Contribute to Our, Douglas E. Scates, 20-28

Vaiidity of the Measurement of Social Traits of High School Pupils by the Method of Rating by Associates, Harold O. Soderquist, 29-44
Value of General Science, The Predictive, Royal B. Embree, Jr., and Oliver R. Floyd, 650-655
Value of Written Reports in Demonstrational Teaching before College Classes, The, G. L. Freeman, 211-213
Values of Equated Scales and Informal Tests as Measurements of the Progress, An Evaluation of the Effects of Marks as Incentives to Pupil Growth in Spelling Ability and of the Comparative, Harold J. Sand, 678-682
Verbal Intelligence and School Adjustment, The Relation of Bilingualism to, Rudolf Pintner and Seth Arsenian, 255-263
Vocabularies of Twenty-Nine Second Readers, A Comparative Analysis of the, John A. Hockett, 665-671

Vocabulary for the Fourth Grade, A Reading, Albert O. Berglund, 172-180
Vocational Students, The Significance of Academic Achievement in the Guidance of, Martha Oier Guilford, 527-533

Walker, Kirby P., Examining Personal Information Items of a Questionnaire Study, 281-282
Wallin, J. E. Wallace, Trends and Needs in the Training of Teachers for Special Classes for Handicapped Children, 506-526
West, Charles H., A Simplified Prediction Experiment, 45-48
What Can Research Contribute to Our Understanding of the Physically Handicapped?, Douglas E. Scates, 20-28
Wheeler, Lester R., An Experimental Study of the Value of Informal Methods in Teaching Primary Reading, 335-347
Woods, Elizabeth L., and Staff, A Study of the Entering B1 Children in the Los Angeles City Schools, 9-19
Word Recognition, A Study of the Speed of, Thomas Harrison Eames, 181-187
Zapf, Rosalind M., Superstitions of Junior High School Pupils, 435-446; 481-496

Editorials

Barr, A. S., Planning An Active School Year, 49-51
Barr, A. S., What Should Teachers Know About Statistics, Measurements, and Scientific Techniques?, 616-618
Brown, George A., A Needed Investigation in the Field of Aptitudes, 451-454
Brown, George A., How Effect the Quality of Education, 686-687 and 696
Brown, George A., How Validate the Quality of Teaching?, 534-535

Forgotten Variables in Research, The, Clifford Woody, 289-291
Fundamentals of Research — Methodology, Carter V. Good, 138-139

Good, Carter V., A Year of Accomplishment Through Coöperation and Coördination, 363-365
Good, Carter V., Fundamentals of Research—Methodology, 138-139
Good, Carter V., Toward a More Exact Terminology, 214-215

How Effect the Quality of Education, George A. Brown, 686-687 and 696
How Validate the Quality of Teaching, George A. Brown, 534-535

Needed Investigation in the Field of Aptitudes, A, George A. Brown, 451-454

Planning an Active School Year, A. S. Barr, 49-51

Toward a More Exact Terminology, Carter V. Good, 214-215

What Should Teachers Know About Statistics, Measurements, and Scientific Techniques?, A. S. Barr, 616-618
Woody, Clifford, The Forgotten Variables in Research, 289-291

Year of Accomplishment Through Coöperation and Coördination, A, Carter V. Good, 363-365

Reviews

Administration of Discipline in the High School, The, Elmer Henry Garinger (Frank A. Butler), 459
Administration of Health and Physical Education in Colleges, William Leonard Hughes (D. Oberteuffer), 463-464
Akridge, Garth H., Pupil Progress Policies and Practices (John H. Jessup), 694
Anatomy of Personality, The, Clements C. Fry and Howard W. Haggard (Daniel A. Prescott), 54-55

Bason, Cecilia Hatrick, Study of the Homeland and Civilization in the Elementary Schools of Germany: With Special Reference to the Education of Teachers (Leo J. Brueckner), 627-628
Benbow, John, Manuscript and Proof (Carter V. Good), 538-539
Benjamin, A. Cornelius, An Introduction to the Philosophy of Science (Carter V. Good), 541-542
Better Primary Reading, Clarence R. Stone (Miles A. Tinker), 460
Bibliographies and Summaries in Education to July, 1935, Walter S. Monroe and Louis Shores (Carter V. Good), 219-220
Bienstock, Sylvia F., and Jersild, Arthur T., Development of Rhythm in Young Children (C. E. Ragsdale), 56-57
Binkley, Robert C., Manual on Methods of Reproducing Research Materials (Carter V. Good), 538-539
Bixler, L. E., Clark, Paul E., Ogan, R. W., and Others, A College Looks at Its Program (E. J. Ashbaugh), 369-370; (Carter V. Good), 370
Bogardus, Emory S., Introduction to Social Research (Carter V. Good), 53-54
Bogoslovsky, B. B., The Ideal School (Horace S. Fries), 625-626
Bristol, Margaret Cochran, Handbook on Social Case Recording (Carter V. Good), 457-458
Brunner, Edmund deS., and Lorge, Irving, Rural Trends in Depression Years (L. M. Hrudka), 295-296
Burt, Cyril, The Subnormal Mind (Meta Anderson), 300-302

Care of the Pupil, The, Samuel S. Drury (M. H. Willing), 305
Casebook of Research in Educational Psychology, Sidney L. Pressey and J. Elliott Janney (Carter V. Good), 621-622
Center, Stella S., and Persons, Gladys L., Teaching High-School Students to Read: A Study of Retardation in Reading (G. A. Yoakam), 623-624
Chapin, F. Stuart, and Queen, Stuart A., Research Memorandum on Social Work in the Depression (Carter V. Good), 694-695
Character and Citizenship Training in the Public School, Vernon Jones (C. C. Peters), 140-141
Chenoweth, L. B., and Selkirk, T. K., School Health Problems (R. J. Francis), 541

Child Guidance Procedures, Paul L. Schroeder and Others (Carter V. Good), 621-622
Clark, Paul E., Ogan, R. W., Bixler, L. E., and Others, A College Looks at Its Program (E. J. Ashbaugh), 369-370; (Carter V. Good), 370
Clinical Psychology, C. M. Louttit (Francis N. Maxfield), 217
Cobb, Stanley, Preface to Nervous Disease (Mandel Sherman), 144
College Looks at Its Program, A, R. W. Ogan, L. E. Bixler, Paul E. Clark, and Others (E. J. Ashbaugh), 369-370; (Carter V. Good), 370
Comparative Study of Undergraduate Women Majors and Non-Majors in Physical Education with Respect to Certain Personal Traits, A, Anne Schley Duggan (D. Oberteuffer), 55
Consistency of Auditory Acuity or Variability of Individuals Among Four Tests with the 2A Audiometer, Jennie Lorenz (Robert West), 216-217
Construction and Use of Achievement Examinations, The, Herbert E. Hawkes, E. F. Lindquist, and E. R. Mann (G. Frederic Kuder), 542-543
Controlled Reading, Earl A. Taylor (Miles A. Tinker), 228-229
Courts and Public School Property, The, Harold H. Punke (M. M. Chambers), 297-298
Culver, Dorothy Campbell, Methodology of Social Science Research (Carter V. Good), 219-220
Curriculum and Cultural Change, The, Pickens E. Harris (H. L. Caswell), 688-690

Development of Rhythm in Young Children, Arthur T. Jersild and Sylvia F. Bienstock (C. E. Ragsdale), 56-57
Dewey School: The Laboratory School of the University of Chicago, The, Katherine Camp Mayhew and Anna Camp Edwards (Horace S. Fries), 626-627
Donohue, E. K., and Stanger, M. A., Prediction and Prevention of Reading Difficulties (Miles A. Tinker), 536-537
Draper, Edgar Marion, Principles and Techniques of Curriculum Making (O. I. Frederick), 227-228
Drury, Samuel S., The Care of the Pupil (M. H. Willing), 305
Duggan, Anne Schley, A Comparative Study of Undergraduate Women Majors and Non-Majors in Physical Education with Respect to Certain Personal Traits (D. Oberteuffer), 55

Education and Social Trends, Raleigh Schorling and Howard Y. McClusky (Harold F. Clark), 456-457
Education and the Class Struggle, Zalmen Slesinger (G. C. Peters), 220-222
Education and the Psychology of Thinking, Percival M. Symonds (Karl S. Bernhardt), 52
Edwards, Anna Camp, and Mayhew, Katherine Camp, The Dewey School: The Laboratory School of the University of Chicago (Horace S. Fries), 626-627
Ells, Walter C., Surveys of American Higher Education (Carter V. Good), 219-220
Elements of Research, F. L. Whitney (Carter V. Good), 302-304
Elliff, Mary, Some Relationships Between Supply and Demand for Newly Trained Teachers, (Earl W. Anderson), 52-53
Elliott, Orrin Leslie, Stanford University: The First Twenty-Five Years (Curtis Merriman), 622-623
Experimental Investigation of the Teaching of Team Games, An, Elizabeth G. Rodgers (D. Oberteuffer), 55-56
Extra-Curricular Activities in Relation to the Curriculum, Galen Jones (A. K. Loomis), 371-372

Factorial Analysis of Ability in Fundamental Motor Skills, Lloyd Meredith Jones (A. R. Lauer), 218-219
Factors Related to the Changes in School Adjustment of High School Pupils with Special Refrence to Selected Factors in the Home Environment, Lester A. Kirkendall (William C. Reavis), 299-300
Fitz-Simons, Marian J., Some Parent Child Relationships (Ralph H. Ojemann), 294-295
Flying the Printways: Experience Through Reading, Carol Hovious (Miles A. Tinker), 536
Forlano, George, School Learning with Various Methods of Practice and Rewards (Dael L. Wolfle), 140
Freeman, Frank N., Holzinger, Karl J., and Newman, Horatio H., Twins (George D. Stoddard), 145-147
Fry, Clements C., and Haggard, Howard W., The Anatomy of Personality (Daniel A. Prescott), 54-55
Fundamentals of Psychologic Guidance, Albert J. Levine (Laurance F. Shaffer), 539

Garinger, Elmer Henry, The Administration of Discipline in the High School (Frank A. Butler), 459
Gaskill, Harold V., Personality (Charles D. Flory), 143-144
George, William E., The Scientist in Action (Carter V. Good), 304
Greene, Harry A., and Newkirk, Louis V., Tests and Measurements in Industrial Education (Harold Burtt), 461-463
Guilford, F. P., Psychometric Methods (Henry E. Garrett), 540-541

Haggard, Howard W., and Fry, Clements C., The Anatomy of Personality (Daniel A. Prescott), 54-55
Handbook on Social Case Recording, Margaret Cochran Bristol (Carter V. Good), 457-458
Harrison, Margaret, Radio in the Classroom: Objectives, Principles, and Practices (L. H. Matthews), 695-696
Harris, Pickens E., The Curriculum and Cultural Change (H. L. Caswell), 688-690
Hawkes, Herbert E., Lindquist, E. F., and Mann, E. R., The Construction and Use of Achievement Examinations (G. Frederic Kuder), 542-543
Holzinger, Karl J., Newman, Horatio H., and Freeman, Frank N., Twins (George D. Stoddard), 145-147
Hovious, Carol, Flying the Printways: Experience Through Reading (Miles A. Tinker), 536
Hughes, William Leonard, Administration of Health and Physical Education in Colleges (D. Oberteuffer), 463-464
Hunt, Thelma, Measurement in Psychology (Wm. Clark Trow), 218

Ideal School, The, B. B. Bogoslovsky (Horace S. Fries), 625-626
Introduction to Modern Views of Education, W. A. Saucier (William Bruce), 455-456
Introduction to Social Research, Emory S. Bogardus (Carter V. Good), 53-54
Introduction to Teaching, An, Charles W. Knudsen and Lucius O. McAfee (William H. Burton), 223-225

Introduction to the Philosophy of Science, An, A. Cornelius Benjamin (Carter V. Good), 541-542
Introductory Sociology for Teachers, An, David Snedden (Charles C. Peters), 294

Janney, J. Elliott, and Pressey, Sidney L., Casebook of Research in Educational Psychology (Carter V. Good), 621-622
Jersild, Arthur T., and Bienstock, Sylvia F., Development of Rhythm in Young Children (C. E. Ragsdale), 56-57
Jones, Galen, Extra-Curricular Activities in Relation to the Curriculum (A. K. Loomis), 371-372
Jones, Lloyd Meredith, Factorial Analysis of Ability in Fundamental Motor Skills (A. R. Lauer), 218-219
Jones, Vernon, Character and Citizenship Training in the Public School (C. C. Peters), 140-141

Kirkendall, Lester A., Factors Related to the Changes in School Adjustment of High School Pupils with Special Reference to Selected Factors in the Home Environment (William C. Reavis), 299-300
Knudsen, Charles W., and McAfee, Lucius O., An Introduction to Teaching (William H. Burton), 223-225

Levine, Albert J., Fundamentals of Psychologic Guidance (Laurance F. Shaffer), 539
Lindquist, E. F., Hawkes, Herbert E., and Mann, E. R., The Construction and Use of Achievement Examinations (G. Frederic Kuder), 542-543
Lorenz, Jennie, Consistency of Auditory Acuity or Variability of Individuals Among Four Tests with the 2A Audiometer (Robert West), 216-217
Lorge, Irving, and Brunner, Edmund deS., Rural Trends in Depression Years (L. M. Hrudka), 295-296
Louttit, C. M., Clinical Psychology (Francis N. Maxfield), 217

Mangold, George B., Problems of Child Welfare (Herbert R. Stolz), 217-218
Mann, E. R., Hawkes, Herbert E., and Lindquist, E. F., The Construction and Use of Achievement Examinations (G. Frederic Kuder), 542-543
Manske, Arthur J., The Reflection of Teachers' Attitudes in the Attitudes of Their Pupils (Stephen M. Corey), 461
Manual for Writers of Dissertations, A, Kate L. Turabian (Carter V. Good), 538-539
Manual on Methods of Reproducing Research Materials, Robert C. Binkley (Carter V. Good), 538-539
Manual on Research and Reports (Carter V. Good), 538-539
Manuscript and Proof, John Benbow (Carter V. Good), 538-539
Mayhew, Katherine Camp, and Edwards, Anna Camp, The Dewey School: The Laboratory School of the University of Chicago (Horace S. Fries), 626-627
McClusky, Howard Y., and Schorling, Raleigh, Education and Social Trends (Harold F. Clark), 456-457
Measurement in Psychology, Thelma Hunt (Wm. Clark Trow), 218
Methodology of Social Science Research, Dorothy Campbell Culver (Carter V. Good), 219-220
Methods and Materials of Health Education, Jesse Feiring Williams and Fannie B. Shaw (D. Oberteuffer), 370-371
Miles, Catherine Cox, and Terman, Lewis M., and Others, Sex and Personality: Studies in Masculinity and Femininity (Kimball Young), 691-694
Monroe, Marion, Remedial Reading: A Monograph on Character Education (Miles A. Tinker), 142-143
Monroe, Walter S., and Shores, Louis, Bibliographies and Summaries in Education to July 1935 (Carter V. Good), 219-220

National Resources Committee, Technological Trends and National Policy (Carter V. Good), 694-695
New Frontiers of the Mind, Joseph B. Rhine (Dael L. Wolfle), 366-369
Newkirk, Louis V., and Greene, Harry A., Tests and Measurements in Industrial Education (Harold Burtt), 461-463
Newman, Horatio H., Freeman, Frank N., and Holzinger, Karl J., Twins (George D. Stoddard), 145-147
Nunn, Sir Percy, Wilson, Dover, and Percy, Lord Eustace, The Yearbook of Education, 1935 (M. H. Willing), 305

Odenweller, Arthur Leonard, Predicting the Quality of Teaching (Gilbert L. Betts), 292-294
Official Report: American Educational Research Association (W. S. Monroe), 537-538
Ogan, R. W., Bixler, L. E., Clark, Paul E., and Others, A College Looks at Its Program (E. J. Ashbaugh), 369-370; (Carter V. Good), 370
Orton, Samuel Torrey, Reading, Writing and Speech Problems in Children (Miles A. Tinker), 144-145

Percy, Lord Eustace, Nunn, Sir Percy, and Wilson, Dover, The Yearbook of Education, 1935 (M. H. Willing), 305
Personality and the Cultural Pattern, James S. Plant (Kimball Young), 691-694
Personality, Harold V. Gaskill (Charles D. Flory), 143-144
Personality in the Depression, Edward A. Rundquist and Raymond F. Sletto (Laurance F. Shaffer), 460-461
Personality: Its Development and Hygiene, Winifred V. Richmond (Kimball Young), 691-694
Persons, Gladys L., and Center, Stella S., Teaching High-School Students to Read: A Study of Retardation in Reading (G. A. Yoakam), 623-624
Plant, James S., Personality and the Cultural Pattern (Kimball Young), 691-694
Predicting the Quality of Teaching, Arthur Leonard Odenweller (Gilbert L. Betts), 292-294
Prediction and Prevention of Reading Difficulties, M. A. Stanger and E. K. Donohue (Miles A. Tinker), 536-537
Preface to Nervous Disease, Stanley Cobb (Mandel Sherman), 144
Pressey, Sidney L., and Janney, J. Elliott, Casebook of Research in Educational Psychology (Carter V. Good), 621-622
Principles and Techniques of Curriculum Making, Edgar Marion Draper (O. I. Frederick), 227-228
Problems of Child Welfare, George B. Mangold (Herbert R. Stolz), 217-218
Psychology and Life, Floyd L. Ruch (Wm. B. Wilson), 690-691

Psychology of Adjustment, The, Laurance Frederic Shaffer (Mandel Sherman), 225
Psychometric Methods, F. P. Guilford (Henry E. Garrett), 540-541
Punke, Harold H., The Courts and Public School Property (M. M. Chambers), 297-298
Pupil Progress Policies and Practices, Garth H. Akridge (John H. Jessup), 694

Queen, Stuart A., and Chapin, F. Stuart, Research Memorandum on Social Work in the Depression (Carter V. Good), 694-695

Radio in the Classroom: Objectives, Principles, and Practices, Margaret Harrison (L. H. Matthews), 695-696
Range of Human Capacities, The, David Wechsler (Edward A. Lincoln), 225-227
Readings in Educational Psychology, Charles E. Skinner, G. T. Buswell, and S. M. Corey (John A. Long), 229
Reading, Writing and Speech Problems in Children, Samuel Torrey Orton (Miles A. Tinker), 144-145
Reflection of Teachers' Attitudes in the Attitudes of Their Pupils, The, Arthur J. Manske (Stephen M. Corey), 461
Remedial Reading: A Monograph on Character Education, Marion Monroe (Miles A. Tinker), 142-143
Research Memorandum on Social Work in the Depression, F. Stuart Chapin and Stuart A. Queen (Carter V. Good), 694-695
Rhine, Joseph B., New Frontiers of the Mind (Dael L. Wolfle), 366-369
Richmond, Winifred V., Personality: Its Development and Hygiene (Kimball Young), 691-694
Rodgers, Elizabeth G., An Experimental Investigation of the Teaching of Team Games (D. Oberteuffer), 55-56
Role of the Teacher in Personnel Work, The, Ruth Strang (W. H. Burton), 298-299
Ruch, Floyd L., Psychology and Life (Wm. R. Wilson), 690-691
Rundquist, Edward A., and Sletto, Raymond F., Personality in the Depression (Laurance F. Shaffer), 460-461
Rural Trends in Depression Years, Edmund deS. Brunner and Irving Lorge (L. M. Hrudka), 295-296

Saucier, W. A., Introduction to Modern Views of Education (William Bruce), 455-456
School Health Problems, L. B. Chenoweth and T. K. Selkirk (R. J. Francis), 541
School Learning with Various Methods of Practice and Rewards, George Forlano (Dael L. Wolfle), 140
Schorling, Raleigh, and McClusky, Howard Y., Education and Social Trends (Harold F. Clark), 456-457
Schroeder, Paul L., and Others, Child Guidance Procedures (Carter V. Good), 621-622
Scientist in Action, The, William H. George (Carter V. Good), 304
Selkirk, T. K., and Chenoweth, L. B., School Health Problems (R. J. Francis), 541
Shaffer, Laurance Frederic, The Psychology of Adjustment (Mandel Sherman), 225
Shaw, Fannie B., and Williams, Jesse Feiring, Methods and Materials of Health Education (D. Oberteuffer), 370-371
Sheffield, Ada Eliot, Social Insight in Case Situations (Carter V. Good), 457-458
Short Contact in Social Case Work, The, Robert S. Wilson (Carter V. Good), 621-622
Skinner, Charles E., Buswell, G. T., and Corey, S. M., Readings in Educational Psychology (John A. Long), 229
Slesinger, Zalmen, Education and the Class Struggle (C. C. Peters), 220-222
Sletto, Raymond F., and Rundquist, Edward A., Personality in the Depression (Laurance F. Shaffer), 460-461
Smith, Margaret Ruth, Student Aid: Bases of Selection of Students to Whom Loans, Scholarships, and Fellowships Are Awarded in a Graduate School of Education (Curtis Merriman), 539-540
Snedden, David, An Introductory Sociology for Teachers (Charles C. Peters), 294
Social Insight in Case Situations, Ada Eliot Sheffield (Carter V. Good), 457-458
Social Treatment in Probation and Delinquency, Pauline Vislick Young (Carter V. Good), 457-458
Some Parent Child Relationships, Marian Fitz-Simons (Ralph H. Ojemann), 294-295
Some Relationships Between Supply and Demand for Newly Trained Teachers, Mary Elliff (Earl W. Anderson), 52-53
Stanford University: The First Twenty-Five Years, Orrin Leslie Elliott (Curtis Merriman), 622-623
Stanger, M. A., and Donohue, E. K., Prediction and Prevention of Reading Difficulties (Miles A. Tinker), 536-537
Stone, Clarence R., Better Primary Reading (Miles A. Tinker), 460
Strang, Ruth, The Role of the Teacher in Personnel Work (W. H. Burton), 298-299
Student Aid: Bases of Selection of Students to Whom Loans, Scholarships, and Fellowships Are Awarded in a Graduate School of Education, Margaret Ruth Smith (Curtis Merriman), 539-540
Student Personnel Work, E. G. Williamson and J. G. Darley (Harry D. Kitson), 222-223
Students and Occupations, E. G. Williamson (Harold E. Burtt), 619-621
Study of the Homeland and Civilization in the Elementary Schools of Germany: With Special Reference to the Education of Teachers, Cecilia Hatrick Bason (Leo J. Brueckner), 627-628
Subnormal Mind, The, Cyril Burt (Meta Anderson), 300-302
Surveys of American Higher Education, Walter C. Eells (Carter V. Good), 219-220
Symonds, Percival M., Education and the Psychology of Thinking (Karl S. Bernhardt), 52

Taylor, Earl A., Controlled Reading (Miles A. Tinker), 228-229
Teacher and the Curriculum, The, John Peter Wynne (O. I. Frederick), 292
Teachers' Guide to Child Development in the Intermediate Grades (Kenneth L. Heaton), 141-142
Teaching High-School Students to Read: A Study of Retardation in Reading, Stella S. Center and Gladys L. Persons (G. A. Yoakam), 623-624
Technological Trends and National Policy, National Resources Committee (Carter V. Good), 694-695
Terman, Lewis M., and Miles, Catherine Cox, and Others, Sex and Personality: Studies in Masculinity and Femininity (Kimball Young), 691-694
Tests and Measurements in Industrial Education, Louis V. Newkirk and Harry A. Greene (Harold Burtt), 461-463
Turabian, Kate L., A Manual for Writers of Dissertations (Carter V. Good), 538-539
Twins, Horatio H. Newman, Frank N. Free-

man, and Karl J. Holzinger (George D. Stoddard), 145-147

Wechsler, David, The Range of Human Capacities (Edward A. Lincoln), 225-227
Whitney, F. L., Elements of Research (Carter V. Good), 302-304
Williams, Jesse Feiring and Shaw, Fannie B., Methods and Materials of Health Education (D. Oberteuffer), 370-371
Williamson, E. G., and Darley, J. G., Student Personnel Work (Harry D. Kitson), 222-223
Williamson, E. G., Students and Occupations (Harold E. Burtt), 619-621
Wilson, Dover, Percy, Lord Eustace, and Nunn, Sir Percy, The Yearbook of Education, 1935 (M. H. Willing), 305
Wilson, Robert S., The Short Contact in Social Case Work (Carter V. Good), 621-622
Wynne, John Peter, The Teacher and the Curriculum (O. I. Frederick), 292

Yearbook of Education, 1935, The, Lord Eustace Percy, Sir Percy Nunn, and Dover Wilson (M. H. Willing), 305
Young, Pauline Vislick, Social Treatment in Probation and Delinquency (Carter V. Good), 457-458

Research Abstracts and Bibliographies

Pp. 58-60; 148-153; 230-233; 306-310; 373-376; 465-469; 544-547; 697-699

News and Communications

Pp. 154-160; 234-240; 311-320; 470-480; 548-560; 629-636; 700-706

Doctors' Theses Under Way in Education, 1937-1938, Carter V. Good, 377-400
Good, Carter V., Doctors' Theses Under Way in Education, 1937-1938, 377-400
Good, Carter V., Selected Bibliography on the Methodology of Educational Research and Related Problems, 1936-1937, 61-80
Selected Bibliography on the Methodology of Educational Research and Related Problems, 1936-1937, Carter V. Good, 61-80

ICAL RO
AL LIBRA
OF MICH

J
E
I

Educati

A Study
City S

What C
the P

Validity
Pupil

A Simpl

Editoria

Reviews

Researc

Selected
Resea

Entered